

ABSTRACT

A COPPER ALLOY SUITABLE FOR AN IC LEAD PIN FOR A PIN GRID
ARRAY PROVIDED ON A PLASTIC SUBSTRATE

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A copper alloy suitable for an IC lead pin for a pin grid array provided on a plastic substrate, which copper alloy is a Cu-Zn-Mg alloy, a Cu-Sn alloy, a Cu-SN-Ag alloy, a Cu-Fe-Zn-P alloy, or a Cu-Cr alloy, each having a given 10 alloy composition, in which the copper alloy has conductivity of 50% IACS or more and tensile stress of 400 MPa to 650 MPa.